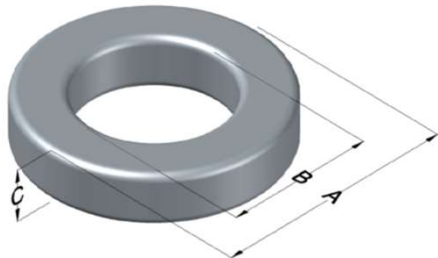




0078733A7S01

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Xflux Si Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	117 $\pm$ 8%	XXXXXX	78733A7	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	50.55	1.990	51.51	2.028	max	Cardboard cut-outs Box Qty= 70 pcs
ID (B)	24.77	0.975	24.00	0.945	min	
HT (C)	20.83	0.820	21.59	0.850	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50kHz, 100mT max (mW/cm ³)	DC Bias min (oersteds)		Voltage Breakdown wire to wire min (V _{AC})	Break Strength min (kg)	Window Area W _a (mm ²)	Cross Section A _e (mm ²)	Path Length L _e (mm)	Volume V _e (mm ³)	Weight (g)
925	80%	50%	3000	95.0	452	263	113.5	29,900	217
	140	250							

Winding Information						Temperature Rating	
Winding Length Per Turn				Wound Coil Dimensions (mm)			Curie Temp: 700°C
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor	OD	56.7	Coating Temp (Continuous up to): 200°C
					HT	29.4	
				Completely Full Window	Max OD	56.7	Notes:
					Max HT	39.8	
				0%	70.7	40%	
20%	77.0	45%	85.0				
25%	78.5	50%	86.8				
30%	79.7	60%	90.5	Unwound Core		8,400	
35%	81.7	70%	94.9	40% Winding Factor		11,000	

Typical DC Bias Performance

